

Browsing through Active Job Sysout

This subsection covers the following topics:

- Displaying the Terminated Job Sysout
- OS/390 Sysout Special Commands
- VSE/ESA Sysout Special Commands

Displaying the Terminated Job Sysout

You can view the sysout of an active job after job termination.

- ▶ To display the terminated job sysout

1. Type **S** in the line command field of the selected job.
2. Press Enter.

If the job has been resubmitted or rescheduled several times, several job IDs can exist for the selected job. If this is the case, a window opens with a list of job IDs in the following format:

```

15.10.01          *** Entire Operations 4.1.1 ***          12:28:15
Owner  SN                      Active Jobs                      Network DEMO-NET
Selection WAE_____ Run from 167__ to 167__

-----+-----+-----+
C  Job              Run Typ JobId Node Date  Time  !      Owner  SN          !
  *-----*          !      !      !      !      !      !      !
_  MESSAGE          167 DUM          148 11.10 09:15 ! Network  DEMO-NET      !
S  JOB1             167 JOB   4705   148 11.10 09:16 ! Job      JOB1          !
_  JOB2             167 DUM          148 11.10 11:00 ! Run      167           !cee
_  JOB4             167 MAC          148 10.10 23:55 !                      !nd
_  RECOVER          167 JOB          148 11.10 00:00 ! Select a Job Id:      !ot
_  JOB3             167 JOB          148 11.10 11:00 !                      !cee
_                      ! Current:  X   4727      !
_                      ! Previous: _   4705      !
_                      ! _                      !
_                      ! _                      !
_                      ! _                      !
***** Bottom of Data * !                      !***
A Sched.Parms C Cancel D Deact E Edit G Gen.JCL !                      !rce
M Modify O EOJ P Prose R Resubmit S Sysout U Rel ! PF3 End              !
Command => _____+-----+
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help Add      End      ACond Save          Up      Down  ATask Left  Right Menu

```

The top half of the window identifies the job by owner, job network, job name and run number, the bottom half contains a list of job IDs; the job ID assigned for the current run is at the top, followed by previous runs.

3. Mark the job ID of the run for which you wish to see the sysout with any character.
4. Press Enter.

If only one job sysout exists for the selected job, this window is bypassed and the sysout is displayed immediately.

In browse mode, the job sysout is presented in Editor format and you can use Editor PF keys and browse commands:

```

Job SNCOL80 (6181) Type SM File 1----- Columns 001 072
====>                                     SCROLL==> CSR
***** ***** top of data *****
00001 1                                J E S 2  J O B  L O G  --  S Y S T E M  D A E F
00002 ----- JOB 6181  IEF097I SNCOL80  - USER SN          ASSIGNED
00003 15.57.21 JOB 6181  $HASP373 SNCOL80  STARTED - INIT 3 - CLASS K - SYS
00004 15.57.21 JOB 6181  IEF403I SNCOL80  - STARTED - TIME=15.57.21
00005 15.57.21 JOB 6181  IEF404I SNCOL80  - ENDED - TIME=15.57.21
00006 15.57.21 JOB 6181  $HASP395 SNCOL80  ENDED
00007 0----- JES2 JOB STATISTICS -----
00008 -      21 SEP 91 JOB EXECUTION DATE
00009 -      22 CARDS READ
00010 -      44 SYSOUT PRINT RECORDS
00011 -      0 SYSOUT PUNCH RECORDS
00012 -      2 SYSOUT SPOOL KBYTES
00013 -      0.00 MINUTES EXECUTION TIME
***** ***** bottom of data *****

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      End   Quit  Rfind      Up    Down      Left  Right Curso

```

Notes:

1. Name of sysout file

In BS2000/OSD, UNIX and Windows the sysout collection file name appears in the upper left-hand corner of the screen.

2. Automatic Logon to the operating system server

Before a sysout file is displayed, Entire Operations checks to see whether the user is allowed to access the sysout file.

If necessary, an automatic logon is carried out with the user ID, which is entered for the user as a standard user ID for the operating system server (see Entire Operations Administration Documentation).

If this automatic logon does not function, for BS2000 files a further attempt will be made with the BS2000 user ID from the fully qualified file name.

If this was successful, the current user ID is set accordingly for the operating system node.

If the user **does not** (implicitly or explicitly) log on to the operating system server with the required access rights, via which the sysout is to be accessed, then the sysout cannot be displayed.

3. Unix and Windows: Line length

Lines longer than 250 characters will be abbreviated in the Sysout display.

They will be marked with >>> in the columns 247 250 of the display.

OS/390 Sysout Special Commands

In addition to the standard Editor browse commands, the following special commands are available to display selected sysout files:

Command	Description
[FILE] X	Display sysout file number X (e.g. FILE 4).
[FILE] name	Display sysout file with name name (e.g. FILE SO).
[FILE] name X	Select sysout file by number and name (e.g. FILE SO 4).
LINE 2	Split all lines too long for display into 2 lines. Return to normal display with unqualified LINE command.
NEXT	Display next sysout file.
PREV	Display previous sysout file.

Square brackets [] around the command keyword FILE denote that the keyword is optional.

The following sysout file names are available for the FILE commands:

File Name	Description
CC	Summary of job steps and condition codes.
JL	JCL of selected job.
SI	SYSIN data.
SM	System messages.
SO	Sysout data.

VSE/ESA Sysout Special Commands

In addition to the standard Editor browse commands, the following special commands are available to display selected sysout files:

Command	Description
[FILE] name	Display sysout file with name name (e.g. FILE LIST).
NEXT	Display next sysout file.
PREV	Display previous sysout file.

Square brackets [] around the command keyword FILE denote that the keyword is optional.

The following sysout file names are available for the FILE commands:

File Name	Description
CC	Summary of job steps and condition codes.
LST	List queue.
PUN	Punch queue.
RDR	Reader queue.
XMT	Transmit queue.

